

Title (en)

RECLOSING SEPTUM CAP FOR MEDICAL SAMPLE TRANSPORT AND PROCESSING

Title (de)

WIEDERVERSCHLIESSBARE SEPTUMKAPPE FÜR TRANSPORT UND VERARBEITUNG VON MEDIZINISCHEN PROBEN

Title (fr)

CAPUCHON À CLOISON REFERMABLE POUR LE TRANSPORT ET LE TRAITEMENT D'ÉCHANTILLONS MÉDICAUX

Publication

**EP 3983305 A4 20230712 (EN)**

Application

**EP 20822092 A 20200612**

Priority

- US 201962861043 P 20190613
- US 2020037408 W 20200612

Abstract (en)

[origin: WO2020252243A1] A pierceable cap (720) may be used for containing sample specimens. The pierceable cap (720) may prevent escape of sample specimens before transfer with a transfer device (43). The pierceable cap (720) may fit over a vessel (730). An access port in the shell of the pierceable cap (730) may allow passage of a transfer device (43) through the pierceable cap (730). The shell receives a septum (700) that has four half dome indentations (715), each indentation defining a quadrant of the septum interior. The indentations are separated by the septum floor (795) which extends along respective first and second diameters of the septum (700) and intersect at approximately ninety degrees. The half dome indentations guide a transfer device to the partially slitted portion of the septum floor (795).

IPC 8 full level

**B01L 3/00** (2006.01); **B65D 51/00** (2006.01)

CPC (source: CN EP KR US)

**A61B 10/0096** (2013.01 - CN US); **A61J 1/05** (2013.01 - CN); **A61J 1/14** (2013.01 - CN); **A61J 1/1406** (2013.01 - CN); **A61J 1/1412** (2013.01 - CN); **A61J 1/1418** (2015.05 - CN); **A61J 1/1475** (2013.01 - CN); **A61J 1/1481** (2015.05 - CN); **B01L 3/50825** (2013.01 - EP KR US); **B65D 41/0407** (2013.01 - CN); **B65D 41/0442** (2013.01 - CN); **B65D 51/002** (2013.01 - EP KR US); **B65D 51/226** (2013.01 - CN); **B65D 51/24** (2013.01 - CN); **B65D 53/02** (2013.01 - CN); **B65D 77/30** (2013.01 - CN); **B01L 2200/141** (2013.01 - EP KR US); **B01L 2300/044** (2013.01 - EP KR US); **B01L 2300/123** (2013.01 - US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2020252243A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2020252243 A1 20201217**; AU 2020292352 A1 20220120; CA 3140105 A1 20201217; CN 114007951 A 20220201; CN 213567462 U 20210629; EP 3983305 A1 20220420; EP 3983305 A4 20230712; JP 2022536771 A 20220818; KR 20220020358 A 20220218; MX 2021014917 A 20220118; US 2022089338 A1 20220324

DOCDB simple family (application)

**US 2020037408 W 20200612**; AU 2020292352 A 20200612; CA 3140105 A 20200612; CN 202021079128 U 20200612; CN 202080043130 A 20200612; EP 20822092 A 20200612; JP 2021573957 A 20200612; KR 20227000937 A 20200612; MX 2021014917 A 20200612; US 202117543858 A 20211207